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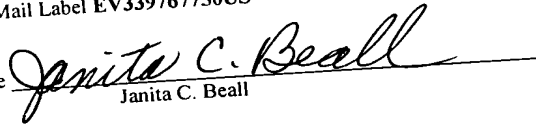
**AN AUTOMOTIVE IGNITION SYSTEM WITH
BATTERY DEPENDENT OVER-DWELL PROTECTION**

Abstract of the Disclosure

A technique for reducing input currents associated with a comparator circuit during certain events includes minimizing bias currents associated with the comparator circuit when a magnitude of an input signal at a signal input of the comparator circuit is a predetermined value from a magnitude of a reference signal applied to a reference input of the comparator circuit. The bias currents are increased when the magnitude of the input signal is within the predetermined value of the magnitude of the reference signal.

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